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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

CROP PROGRESS SLOWED BY COOL TEMPERATURES

Cool, below normal temperatures and scattered showers throughout parts of the state this past week slowed the pace of crop progress, according to the Minnesota Agricultural Statistics Service. Field activities continue to lag behind the five year averages. Producers continue to hope for warmer, dry conditions to aid crop progress and move forward with crop harvest.

The average temperature for the week was 58.3 degrees, 10.6 degrees below normal. Statewide topsoil moisture supplies as of August 13th were rated 3% very short, 14% short, 75% adequate, and 8% surplus.

Fifty-five percent of the corn crop was in the milk stage, which is behind the five year average of 85%. Soybeans were 70% setting pods, behind the five year average of 87%.

Corn condition rating of good to excellent was 62% compared to 64% last week. Soybeans were rated 55% in good to excellent condition, compared to 64% last week.

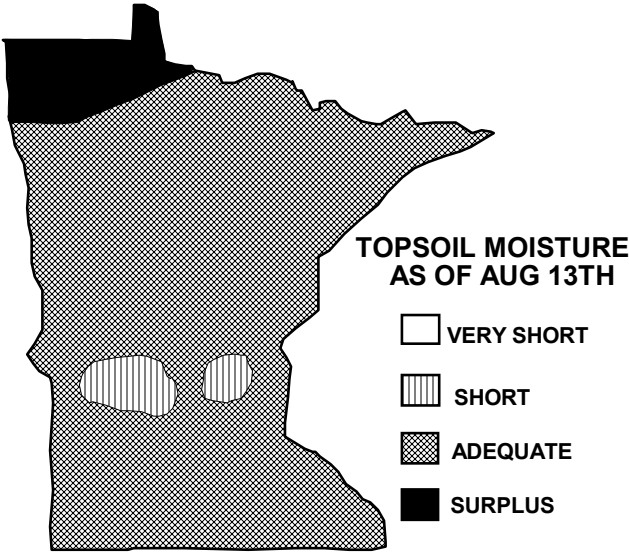
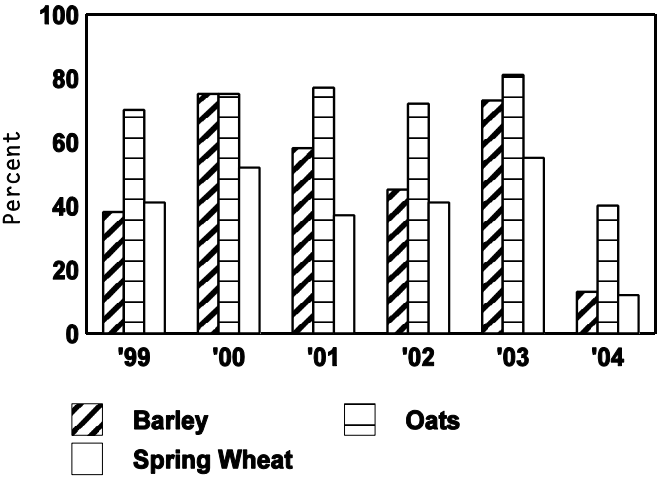
Spring wheat was 12% harvested, compared to 45% for the five year average. Barley was 13% harvested, compared to 58% for the five year average. Oats were 40% harvested, which was behind the five year average of 75%.

Potatoes were 14% harvested which was well ahead of the five year average of 3%.

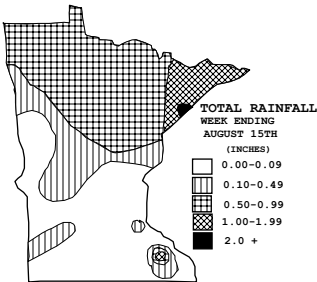
Sweet corn was 20% harvested, 14 percentage point below the five year average of 34%.

Days Suitable for Fieldwork : 4.8					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		3	14	75	8
Crop Progress as of August 15, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Milk	55	25	89	85
	Dough	13	3	30	36
	Dent	1	NA	5	6
Soybeans	Setting Pods	70	46	92	87
Spring Wheat	Turning Ripe	86	81	99	96
	Harvested	12	4	55	45
Oats	Turning Ripe	91	87	99	99
	Harvested	40	27	81	75
Barley	Turning Ripe	94	89	99	97
	Harvested	13	8	73	58
Potatoes	Harvested	14	NA	10	3
Sweet Corn	Harvested	20	NA	31	34
Crop Condition as of August 13 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	8	34	51	5
Spring Wheat	2	4	34	44	16
Barley	2	7	49	33	9
Oats	1	6	25	33	15
Dry Beans	2	7	31	46	14
Canola	6	21	49	19	5
Potatoes	0	3	21	62	14
Sunflowers	3	12	34	44	7
Corn	2	8	28	52	10
Sugar beets	1	3	21	56	19
Soybeans	3	8	34	45	10

SMALL GRAINS HARVESTED  
AS OF AUGUST 15th, 1999-2004



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 15, 2004:  
Temperatures averaged from 11.5 degrees below normal in the West Central District to 9.8 degrees below normal in the East and North Central Districts. Extremes: 86° in Canby; 32° in Hibbing. Precipitation averaged from 1.02 inches below normal in the South Central District to 0.53 inch above normal in the Northeast District. Greatest weekly total was 2.19 inches.



Precipitation and Temperature Summary for 8/9/2004 through 8/15/2004

	Temperature				Precipitation				G D D	
	High	Low	Week	Depart	Week	Depart	From	Norm	Since	Depart
			Ave	from	Total	Past Four	Since		Apr	from
				Norm		Week	Weeks	4/1	29	Norm
<u>NW DIST 1</u>										
Crookston	76	42	57.4	-11.9	.24	-.44	-.66	3.87	1230	-460
Moorhead	78	46	58.6	-11.8	.05	-.53	-.32	1.14	1423	-345
Warroad	72	42	56.5	-10.4	.57	-.10	1.07	5.94	1121	-354
<u>NC DIST 2</u>										
Grand Rapids	76	41	57.4	-8.9	.75	-.10	-1.37	-3.20	1281	-206
Intl. Falls	73	37	55.1	-10.0	.95	.25	-.24	.01	1032	-361
Itasca	78	38	55.2	-10.5	.71	-.15	-.43	-2.47	1144	-243
<u>NE DIST 3</u>										
Duluth	73	39	56.0	-8.8	1.32	.39	-.03	-2.77	1022	-263
Grand Marais	67	45	54.9	-8.5	1.04	.35	-1.48	-.85	711	-204
Hibbing	74	32	53.9	-10.9	.91	.11	-1.51	-4.33	1074	-276
Isabella	70	38	52.3	-12.7	2.19	1.27	-.39	-1.93	893	-501
<u>WC DIST 4</u>										
Alexandria	75	43	56.8	-12.2	.12	-.70	.23	-.45	1319	-374
Browns Valley	83	42	59.7	-11.5	0	-.66	-1.64	1.78m	1348m	-521m
Canby	86	48	62.0	-10.1	0	-.64	-1.11	.17	1653	-300
Fergus Falls	79	43	58.1	-11.5	0	-.74	1.28	2.76	1428	-284
Montevideo	75	43	58.4	-11.9	.05	-.68	-.05	1.59	1544	-273
Morris	80	42	58.3	-11.9	.11	-.68	-1.43	-.02	1434	-382
<u>CENT DIST 5</u>										
Becker	84	44	59.8	-8.7	0	-.99	-2.27	2.54	1477	-214
Hutchinson	84	43	59.4	-11.0	0	-.95	-1.06	2.80	1590	-300
Olivia	84	41	58.9	-11.0	0	-.78	-1.57	.74	1552	-310
St. Cloud	77	41	57.3	-11.1	.01	-.90	-1.17	.93	1447	-234
Staples	78	39	55.8	-11.0	.29	-.44	-.83	1.42	1234	-295
Willmar	82	43	59.4	-10.5	.02	-.86	-1.18	1.70	1523	-311
<u>EC DIST 6</u>										
Aitkin	73	41	57.1	-8.7	.60	-.32	-1.93	-3.86	1209	-226
MSP Airport	77	47	61.4	-10.4	.04	-.91	-2.47	-1.05	1701	-252
St. Paul - UofM	83	46	62.0	-10.4	.01	-1.01	-2.79	-.50	1718	-305
<u>SW DIST 7</u>										
Lamberton	84	44	60.2	-10.2	.02	-.77	-.00	1.66	1595	-320
Pipestone	83	42	58.5	-12.0	.11	-.59	-.04	2.19	1512	-319
Redwood Falls	77	46	60.0	-12.1	.15	-.69	-.45	4.57	1640	-379
Worthington	83	44	59.2	-10.1	0	-.81	-.20	2.46	1582	-208
<u>SC DIST 8</u>										
Faribault	81	45	60.0	-10.2	.03	-1.00	-1.30	5.09	1593	-248
Mankato	82	41	58.2	-12.7	.01	-1.02	-1.44	4.47	1583	-315
Waseca	80	45	59.2	-10.7	.02	-1.07	-1.79	4.17	1643	-212
Winnebago	78	46	60.0	-10.5	.02	-.98	.37	3.57	1625	-273
<u>SE DIST 9</u>										
Preston	82	43	59.5	-9.7	.43	-.65	-1.59	8.87	1538	-203
Red Wing	83	47	61.6	-9.4	.06	-.84	-1.67	1.07	1629	-253
Rochester	73	44	58.0	-10.7	1.11	.10	-1.00	6.20	1534	-190
Rosemount	81	46	62.0	-7.6	.21	-.86	-3.30	-1.17	1604	-193
Winona	85	47	61.4	-11.5	.09	-.85	.17	6.35	1705	-348

m=some data missing  
Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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